

KNIPOVICH, Yu. N., redaktor; SOKOLOV, I. Yu., redaktor; SOCHEVANOV, V. G.,
redaktor; TITOV, V. I., redaktor; SHMANENKOV, I. V., redaktor
KOLOSKOVA, M. I., redaktor; PEN'KOVA, S. A., tekhnicheskii re-
daktor

[Chemical and physico-chemical methods of analyzing mineral
ores] Khimicheskie i fiziko-khimicheskie metody analiza mi-
neral'nogo syr'ia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry
po geologii i okhrane nedr, 1955. 191 p. (MIRA 9:4)

1. Vsesoyuznoye soveshchaniye rabotnikov khimiko-analitiche-
skikh laboratoriy.
(Ores--Sampling and estimation)

PENOVA, M.

1. "The Foundation of the First Medical Care Society in Bulgaria in 1884," A. SOFIA, S. KUMAROV, and S. SOFIA, of the Department of Pharmaceutical Sciences (Professor A. SOFIA), Sofia; pp 3-4.
2. "Morphology," D. KENOV; pp 8-9.
3. "The Application of Radiocactive Isotopes in Pharmacy," A. KENOV, R. GEMANOV, and V. KENOV (Professor KENOV, Head of Department), ISUL (not identified); pp 10-15.
4. "Concerning the Quantitative Specification of Cortisone and Progesterone," A. VILKOVA and A. KUMAROVA; pp 16-19.
5. "The Chemistry and Analytical Properties of Hydrates," A. KUMAROV, of the Faculty of Chemical Sciences; pp 21-25.
6. "The Pharmaceutical Specification of the Hydrates of the Hydrates of Hydrocortisone with Sodium Nitrate," M. KUMAROV (see preceding article); pp 26-32.
7. "The Production of Glycine-L-Asparaginylphenylalanine," L. KUMAROV, of the Chemical-Pharmaceutical Plant, Sofia; pp 33-35.
8. "Concerning the Development, Extraction, and Chemical Composition of the Roots of Resonantum Carthagenense, as Given in Bulgaria," I. K. VILKOVA and D. B. KUMAROVA; pp 36-39.

PEROVA, M.

Encephalitis, Sofia, Vol. 1, No. 1, 1966

(107)

1. V. PEROVA (Sofia) and M. AVRAMOV (Plovdiv) in Sofia (Sofia Soviet Committee City Congress, 1966), pp. 5-7.
2. J. PEROVA: Investigations of the 3rd National Conference (of the Pharmaceutical Science Society, 1966), pp. 5-11.
3. V. PEROVA and G. KOTLYAR: Researches of the 1st National Conference in Marketing Drugs in Bulgaria, pp. 20-21.
4. D. PEROVA: Hospital for Diseases of the Nervous System, pp. 10-11. (Sofia, 1966).
5. M. PEROVA: Scientific Conference of Medicine and Pharmacy in the Republic of Bulgaria, pp. 27-29.
6. V. PEROVA and M. PEROVA: Pharmacological Study of the Spontaneous Effect of Separation from Ovarian Follicular L., pp. 30-32. (Sofia, 1966).
7. M. PEROVA: Pharmaceutical Research Institute, Director L. PEROVA: Studies of the 1st National Conference and Symposium in Sofia, Sofia, 1966, pp. 17-18.
8. L. PEROVA: The Pharmaceutical Industry in Bulgaria, pp. 42-43.

2/1

PENOVA, M.

Bulgaria

No degree listed

Department of Pharmacology, Institute for the Specialization and Advanced Study of Physicians (Institut za Spetsiyalizatsiya i usuvurshenstvuvane na lekarite), Sofia

Sofia, Farmatsiya, No 5, Sept-Oct 1962, pp 12-16.

"On Some Applications of Siliconite"

BULGARIA

PENOVA, M.

Sofia, Farmatsiya, No. 1, Jan-Feb 1963, pp 18-22

"Application of Ultraviolet Light in Pharmacy."

(1)

Bulgaria

Category : Chemical Technology. Pharmaceuticals. Vitamins. Antibiotics

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50676

Penova, M.

Author : Tranzhafilov, T; Boyadzhiev, M.; Penova, M.;

Institute : -

Title : The Extraction Dynamics in the Maceration Techniques

Orig Pub. : Farmatsiya (Bulg.), 1958, 8, No 2, 28-29

Abstract : Extraction processes, in general, are based on distribution and diffusion. Among the extraction methods employed the maceration technique, conducted in a state of relatively static phase conditions, is the most unrealistic one since it yields very small quantities of the extracted material (medicinal preparation). This is explained by insufficient interaction.

*Milev, M.

Card: 1/5

H-74

Country : -

Category : Chemical Technology. H-17

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50676

Author :

Institute :

Title :

Orig Pub. :

Abstract : change between the phases. The present day technique involving galenical type of preparations seeks new ways, by means of which the maceration technique be sufficiently modified to attain higher yields in the extraction of medicinal preparations. The experimentation was conducted with the purpose of establishing limits of maximum yield and of maceration. Time of contact between the phases was a function of solvent nature (water,

Con'd

Card: 2/5

Category : Chemical technology.

Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 50676

Author :

Institute :

Title :

Orig Pub. :

Abstract : alcohol 40-60%), temperature, relative stag-
Con'd nancy of a system, and of degree of mechani-
cal agitation determined at two different
temperatures. Experiments were conducted
employing leaves of belladonna. For the pur-
pose of finding a suitable solvent, capable
of extracting maximum quantities of active
components, water and 40-70% alcohol were
tried separately. It was established that
temperature of 60° has a positive effect on

Card: 3/5

H-75

Country	:		H-17
Category	:	Chemical Technology.	
Abs. Jour	:	Ref Zhur-Khimiya, No 14, 1959, No 50876	
Author	:		
Institute	:		
Title	:		
Orig Pub.	:		
Abstract	:	the rate of diffusion of the extraction process; at the same time, the maceration contact time between the two phases is noticeably reduced. Violent mechanical agitation conducted at 60° temperature reduces the maceration contact time between the phases, resulting in insuring maximum yield of extracted alkaloids from belladonna leaves. Among the solvents used, 40% alcohol was found to be the most suitable for the extraction of large quantities of medicinal substances for the shortest	
Card:		4/5	
			H-17

COUNTRY : BULGARIA H
 CATEGORY : Chemical Technology. Chemical Products and Their
 Application. Pharmaceuticals. Vitamins. Antibiotics
 ABS. JOUR. : Razum., No 17, 1959, No. 61791
 AUTHOR : Trandafilov, T.; Penova, M.
 INSTITUTE : Vissh. Med. Inst., Sofia
 TITLE : Dynamics of Extraction in the Percolating Process
 ORIG. PUB. : Nauchni tr. Vissh. Med. in-t. Sofia. Farmaceut.
 fak., 1955 (19570, 3, No 5, 1-17
 ABSTRACT : Qualitative and quantitative dependencies between
 extracted alkaloids and balast materials was es-
 tablished. Quantity of separated substances de-
 pends on the weight-volume ratios of phases and
 on the nature and concentration of a solvent. The
 maximum yield of extracted alkaloids with a mix-
 ture of water-alcohol is attained with 40% alcohol
 content; the extracted quantity decreases some-
 what at 50-60% alcohol content. At the increased
 acidity of a solvent (pH of 4.6) quantity of the

*otics.

1/2

Card:

H - 59

PENOVA, Ye.

Contribution of technologists of the Zhdanov shipyard.
Sudostroenie 27 no.10:13 0 '61. (MIRA 14:12)
(Leningrad--Shipbuilding)

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.;
YANKOVSKAYA, Z.V.; POKROVSKIY, M.N., otv. red.; PENOVA,
Ye.M., red.; SOSIPATROV, O.A., red.; KOMAROVA, N.P., red.

[Handbook on safety engineering and industrial sanitation in
three volumes] Spravochnik po tekhnike bezopasnosti i proiz-
vodstvennoi sanitarii v trekh tomakh. Leningrad, Sudostroenie.
Vol.2. 1965. 679 p. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Laws, statutes, etc.

FENOVA, Ye.M.

An early completion of the assignments of the seven-year plan.
Sudostroenie 29 no.10:69-70 0 '63. (MIRA 16:12)

BUKALOV, Valeriy Mikhaylovich; NARUSBAYEV, Aleksandr Abdugaparovich;
GERASIMOV, V.N., kand. tekhn. nauk, retsenzent; FEDIN, P.G.,
inzh., retsenzent; YEGOROV, S.A., nauchn. red.; PENOVA, Ye.M.,
red.

[Design of atomic submarines; from materials in the foreign
press] Proektirovanie atomnykh podvodnykh lodok; po materia-
lam inostrannoi pechati. Leningrad, Sudostroenie, 1964.
287 p. (MIRA 17:7)

GANF, Lev Abovich; DMITRIYEV, Aleksandr Nikolayevich; ASHIK, V.V.,
prof., retsenzent; GLUSHCHENKO, G.T., inzh., retsenzent;
STOLYARSKIY, L.L., nauchn. red.; PENOVA, Ye.M., red.

[The path of the ship] Put' korablia. Leningrad, Sudostroenie, 1964. 257 p.
(MIRA 18:2)

BELYAYEV, Leonid Mikhaylovich; GORSKIY, L.A., inzh., retsenzent;
PASHKOV, N.Ye., inzh., retsenzent; OSMINKIN, Ya.M., inzh.,
nauchn. red.; PENOVA, Ye.M., red.; KRYAKOVA, D.M., tekhn.red.

[Safety measures in knotting and splicing operations in
shipbuilding] Tekhnika bezoapsnosti pri takelazhnykh rabotakh
v sudostroenii. Leningrad, Sudpromgiz, 1963. 61 p.

(MIRA 16:12)

(Shipbuilding—Rigging) (Knots and splices)

YUSHTIN, Yeŭgeniy Ivanovich; OSMINKIN, Ya.M., inzh., retsenzent;
PASHKOV, N.Ye., inzh., retsenzent; PENOVA, Ye.M., red.;
KOROVENKO, Yu.N., tekhn.red.

[What a crane operator should know about safety engineering]
Chto nuzhno znat' kranovshchiku o tekhnike bezopasnosti.
Leningrad, Sudpromgiz, 1963. 29 p. (MIRA 16:6)
(Cranes, derricks, etc.—Safety measures)

BOGDANOV, Boris Vladimirovich; DUBININ, N.P., inzh., retsenzent; KOCHEROV, N.P., inzh., retsenzent; PENOVA, Ye.M., red.; KOROVENKO, Yu.N., tekhn. red.

[Seagoing and roader barges; design and construction] Morskie i reidovye barzhi; proektirovanie i konstruktsiia. Leningrad, Dudpromgiz, 1963. 294 p. (MIRA 16:5)
(Barges--Design and construction)

KOROVYANOVSKIY, Il'ya Grigor'yevich; PENOVICH, Ye.I., red.;
BORUNOV, N.I., tekhn. red.

[Electric insulating materials in the construction of
high-voltage switches and current transformers] Elektro-
izoliatsionnye materialy v konstruktsiyakh vykluchatelei
i transformatorov toka vysokogo napriazheniya. Moskva,
Gosenergoizdat, 1963. 87 p. (MIRA 16:10)
(Electric switchgear) (Electric transformers)
(Electric insulators and insulation)

PENOVIN, Vladimir Dr.

Nebojsa Niksic - vet. on State Farm Belje

"The Caesarean Section in Sows "

Source: Veterinaria, Svezak 4, 1953 p. 601

KUZ'MINA, A.N., inzh.; PENS, M.N., inzh.

Using electronic computers in calculating the production plan
for machinery plants. Mekh. i avtom. proizv. 19 no.8:43-46
Ag '65. (MIRA 18:9)

PENSA, ARSEN

AUTHORS: Pensa, Arsen, Engineer, Director (Gjorge Petrov),
Jakovac, Uroš and Petrovski, Zvezdan, Engineer

TITLE: Development and Prospects of the Mining and Processing
of Chromium Ore

PERIODICAL: Tehnika, 1959, Nr 1, pp 45-49 (YUG)

ABSTRACT: The article is an abridgement of a paper presented at the Savezna Savetna Konferencija Tehnika Rudarstva i Metalurške Struke (Conference of the Union of Mining and Metallurgical Engineers and Technicians) held in Skopje between 16 and 19 May 1959. After a brief review of chromium as a mineral raw material, its mining, deposits, production, consumption, prices, use in the metallurgical and chemical industry and in the production of refractory materials throughout the world, the author gives some figures for production and consumption in the USSR and for the quality of chromite, mined in the Almaz and Ampysvsko deposits in the USSR. The author then discusses the situation in Yugoslavia. Here production is restricted to three mining districts i.e. Ruduša, Jova and Lojane, where mainly low grade ore with poor chromium content is mined and processed. The author points out that the production of low-grade ore and chromium concentrates have been constructed, i.e. the "Magnobron" Industrijska Visoko-vatnostilnos materijala (Refractory Materials Plant) in Kraljevo which started production in 1953 and the "Jugobron" Kombinacija proizvodnje hromnih proizvoda i ferolegura (Chromium Products and Ferroalloy Kombinat) in Jegenovci near Tetovo started production of ferrochromium and silichromium in 1957 and the production of dichromates will start in 1958. The author gives a brief review of the Yugoslav chromium mines: the Rudnici Ljubotenkos serpentinskog sasiya (Ruduša) (Ljuboten serpentinite Mining Area) in the Bar Mountains, including the mines Mada, Čačak, Gorance, Knežak, Knežakovac and Jazice with a total production of 80,000 tons in 1957; the Rudnici Kraljevo (Kraljevo Chromium Mines) including the mines Jasešina, Lepenac, Kinkar, Kivand and Budunac with a total production of 7,000 tons in 1957, and since 1958 under the administration of the Ruduša Mines; the Rudnici Lojane (Lojane Mines) including the mines Centrala, Aseo, Suva Reka and Anzoranet, with a total production of 9,500 tons in 1957; the Rudnici Deva (Deva Mines), including the mines Deva, Čaf, Prusit, Gradiste and Koznik, with a production of 13,934 tons in 1957; and the Rudnici Raborovo (Raborovo Mines), which were closed down in 1951.

The output from the remaining mines in Yugoslavia is 1% of the total production. Separation and enriching equipment is installed in Gjorče Petrov with a capacity of 360 tons per day and in Deva with a capacity of 70 tons per day. In 1958 54,650 tons of ore were exported in 1958 and 16,000 tons were imported in 1957 from Albania. Some 29,000 tons of ore, including 16,000 tons imported from Albania, were produced in 1958. The future production of chrome "Jugobron" and approximately 35,000 tons were exported in 1957. The future production of chromium ore is estimated at 64,000 tons a year and the consumption for 1959, 1960 and 1961 is shown in separate figures. Ferrochromium was exported and the refractory material was used in the country. The cause the Yugoslav chromium mines are the present equipment of all non-ferrous metal mines, big efforts are necessary to rationalise the investments in mines to increase the production of refractory ore and to develop the methods of processing low grade ore, to cover the consumption and to improve the reliability of the Yugoslav plants and to improve the reliability of the personnel in the mines, mainly work productivity, the low standard of qualifications of the personnel. There are 14 tables, 2 photos and 16 references of which 2 are English, 2 German, 1 Soviet and 9 Yugoslav.

ASSOCIATION: Rudarski basen "Ruduša" (Chromium Mining Basin "Ruduša")

Card 1/5

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Card 4/5

PENSAR, IVO.

SCIENCE

PENSAR, IVO. Prilog prognoze mraza u nasim krajevima.

Zagreb, 1957. 13 p.

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April, 1959

IDEL'CHIK, Z.B.; PENSEVICH-KOLYADA, V.I.

Study of oxides. Part 10: Interaction between α -oxides of allyl phenyl ethers, o-, $\overline{m}$ - cresols, guaiacol and amines. Zhur. ob. khim. 28 no.3:792-795 Mr '58. (MIRA 11:5)

1. Institut khimii Akademii nauk Belorusskoy SSR.
(Oxides) (Amines)

S/081/61/000/019/024/085
B101/B144

AUTHORS: Khrushchov, N. A., Kruglova, V. G., Pensionerova, V. M.,
Pankova, V. Ye., Rezovskaya, G. V.

TITLE: Distribution of rhenium, selenium, and tellurium in the
molybdenum deposits of the Soviet Union

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1961, 92, abstract
19695 (Sb. "Mineral'n. syr'ye", M., no. 1, 1960, 86 - 92)

TEXT: Much Re, Se, and, in part, also Te was found in some of the
molybdenites from 26 deposits belonging to different genetic types. Re
was determined by an improved photocolormetric method permitting work
with weighed portions of 0.05 - 1 g. The resulting data were confirmed
by polarographic analysis. In the higher-temperature deposits of molyb-
denite, molybdenite-scheelite, and quartz-molybdenite-tungstite-greisen
formations, the Re content fluctuates between $5 \cdot 10^{-4}$ and $4.0 \cdot 10^{-3}$, and
that of Se is $2.0 - 8.6 \cdot 10^{-3}\%$. In the quartz-molybdenite-sericite forma-
tion, the Re content ranges between $1.0 - 6.3 \cdot 10^{-2}\%$, and that of Se
Card 1/2

Distribution of rhenium...

S/081/61/000/019/024/085
B101/B144

between $1.0 - 2.9 \cdot 10^{-2}\%$. In the quartz-molybdenite-chalcopyrite formation, the Re content ranges between $1.9 \cdot 10^{-2}$ and $1.2 \cdot 10^{-1}\%$, and that of Se between $2.3 - 6.0 \cdot 10^{-2}\%$. According to 16 determinations, the total Te content is up to $1.5 \cdot 10^{-2}\%$. Thus, the Re content in molybdenites, confronted with clarke, is higher by a factor of 6000 - 1,200,000, and the Se content by a factor of 133 - 4000. Practically important Re contents are presented by the majority of mesothermal molybdenum deposits (quartz-molybdenite-sericite and, especially, quartz-molybdenite-chalcopyrite formations). In molybdenites containing only little Re, the Se content is also low as a rule. Se is abundant in molybdenites with a major Re content. A rise of Re concentration is intenser than a rise of Se concentration. This is explained by a higher isomorphic miscibility of Re with Mo. Te in molybdenites is only found in small amounts, and the accumulations it forms are of no practical interest. [Abstracter's note: Complete translation.]

Card 2/2

AM4020384

BOOK EXPLOITATION

S/

Pakhomova, K. S. (Senior scientific collaborator) Pensionerova, V. M.
(Senior scientific collaborator)

Methods for the chemical analysis of mineral raw materials (Metody*
khimicheskogo analiza mineral'nogo sy*r'ya), Moscow, Gosgeol-
tekhizdat, 63. 0070 p. illus., biblio. Errata slip inserted. 2000
copies printed. (At head of title: Gosudarstvenny*y geologicheskii
komitet SSSR)

Series Note: Moscow. Vsesoyuzny*y nauchno-issledovatel'skiy
institut mineral'nogo sy*r'ya. [Sbornik] vy*p. 7.

TOPIC TAGS: beryllium, boron, germanium, gold, rhenium, scandium,
tantalum, fluorine, chemical analysis, raw mineral, photometric
method, photo-neutron method, neutron absorption method, extraction
photometry method

PURPOSE AND COVERAGE: This is a continuation of a series devoted to
chemical and physicochemical methods of testing various raw minerals,
including analysis methods developed by VIMS, VSEGEIVSYeGYeI, and
Geolograzvedochny*y trest (Geological Prospecting Trust) No. 1. The
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book deals with separation methods for beryllium, boron, germanium, gold, rhenium, scandium, tantalum, and fluorine. The described photometric, photoneutron, neutron absorption, and extraction-photometry methods are recommended for use in the laboratories of the geological service, along with the previously published methods, and also for use by laboratories of other organizations.

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Boron - - 21
Germanium - - 30
Gold - - 39
Rhenium - - 42

SUB CODE: MA, ML

SUBMITTED: 26Jun63

NO REF SOV: 040

OTHER: 008

DATE ACQ: 03Apr64

Card 2/2

MALENIKO, S.V.; KUZNETSOVA, N.N.; POKROVSKAYA, V.I.; et al., et al.

New data on calciborite. Zap. Vses. min. ob-va 92 no.6:684-696
'63. (MIRA 18:3)

PENSIONEROVA, V.M., kand.tekhn.nauk; PANOVA, A.I., red.izd-va;

BYKOVA, V.V., tekhn.red,

[Methods for chemical analysis of minerals] Metody khimicheskogo analiza mineral'nogo syr'ia. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane neдр. No.5. 1959. 72 p. (MIRA 13:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya.
(Mineralogical chemistry)

MERLIN, V.S., prof., red.; PSHENICHNOV, V.V., dots., zam. red.;
SMIRNOV, M.I., dots., red.; PENSKAYA, A.V., kand. pednauk, red.

[Problems in the psychology of personality and the psychology
of work] Problemy psikhologii lichnosti i psikhologii truda.
Perm' 1960. 201 p. (MIRA 16:6)

1. Perm' Gosudarstvennyy pedagogicheskiy institut. 2. Permskiy
pedagogicheskiy institut (for Merlin).
(Personality) (Psychology, Applied)

PENSKAYA, A. V.

Penskaya, A. V. and Bychkov, M. S. "On the problem of ideo-motor acts", Vestnik Leningr. un-ta, 1948, No. 8, p. 100-09.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, NO. 2, 1949).

SIGAL, M.B.; KOZIOROVA, T.N.; LIMANOVSKIY, A.Ye.; PENSKAYA, E.K.

Properties and processing of teflon. Khim. volok. no.2:3-11
'59. (MIRA 12:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvenno-
go volokna.

(Ethylene) (Textile fibers, Synthetic)

PENSKAYA, YE. A.

PHASE I BOOK EXPLOITATION

SOV/ASR

International symposium on macromolecular chemistry. Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii SSSR, Moskva, 14-18 iyunya 1960 g.; doklady i avtoreferaty. Sektsiya III. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18, 1960; Papers and Summaries) Section III. [Moscow, Izd-vo AN SSSR, 1960] 469 p. 55,000 copies printed.

Tech. Ed.: P. S. Kashina.

Sponsoring Agency: The International Union of Pure and Applied Chemistry. Commission on Macromolecular Chemistry.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high molecular compounds.

COVERAGE: This is Section III of a multivolume work containing papers on macromolecular chemistry. The articles in general deal with the kinetics of polymerization reactions, the synthesis of special-purpose polymers, e.g., ion exchange resins, semiconductor materials, etc., and methods of analyzing polymerization reactions, properties, and chemical interactions of high molecular materials, and the effects of various factors on polymerization and the degradation of high molecular compounds. No personalities are mentioned. References given follow the articles.

- UMANOY, K. U., U. M. Musker, and R. S. Tillyer (USSR). The Radiation Method of Copolymerizing Acrylonitrile with Polystyrene and Peraldehyde. 170
- Markov, S. R., G. M. Ghechokova, I. V. Zhuravleva, and P. M. Gribkova (USSR). Oxymethylation of Carbochain and Hetero-chain Polyamides 184
- Santo, L., and K. Gal (Hungary). Grafting Methyl Methacrylate onto Films of Polyvinyl Alcohol Under the Action of X-rays 207
- Lesar, M., R. Rado, and Yu. Pavlovskaya (Czechoslovakia). Grafting Methyl Methacrylate onto Polypropylene and Polyethylene 214
- Tutorokiy, I. A., Z. I. Seelzy, and V. M. Bratkov (USSR). The Interaction of Carboxyl-Containing Butadiene-Styrene Rubbers with Polyamides and E-Caprolactam 224
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- Rogovin, Z. A., V. A. Deravitakaya, Sun T'ung, Chang Wei-King, and G. S. Gal'braykh (USSR). Synthesis of New Cellulose Derivatives and Other Polysaccharides 302
- Yermolenko, I. N., and P. M. Kaputokiy (USSR). Initiation of the Controlled Synthesis of Modified Celluloses with Oxides of Nitrogen 310
- Ivanov, V. I., M. Ya. Lendshina, V. S. Ivanova (USSR). Oxidational Transformations in Chains of Cellulose Molecules 321
- Berlin, A. A., Ye. A. Penskaya, and G. I. Volkova (USSR). Mechanicochemical Transformations and Block Copolymerization During the Freezing of Starch Solutions 334
- Umamoy, K. U., B. I. Akhmedzhayev, and U. Aizov (USSR). Modification of the Properties of Cellulose by Grafting 344

PENSKIY, A.P.

PENSKIY, A.P.; RAZUVAYEVA, Z.L.; GLAZOV, G.A., redaktor.

[Cast tools not requiring heat treatment] Litoi instrument, ne
trebuiushchii teplovicheskoi obrabotki. Moskva, Gos.nauchno-tekhn.
ind-vo mashinost. lit. lit-ry, 1946. 61 p. (MLRA 8:8)
(Tools) (Steel castings)

Penavio, Ya. G.
✓ 2552. Penavio, Ya. G., Critical force of compressed columns in the
inelastic range (in Russian), *Izvestiya Akad. Nauk SSSR* no.
20, 160-163, 1951.

Penavio
Paper establishes the previously well-known fact that maximum load
of inelastic columns lies between tangent modulus (Stanley) and re-
duced modulus (Karnan) loads, in view of the fact that beyond F_1 with
increasing load and deflection F_2 decreases. It appears that in 1911
the Russians conceived the Stanley deflection by using a model ex-

FENSA, A.

Roof bolts and their use in the Trepca Mine. p. 1. RUDARSKO-METALURSKI
ZBORNIK. (Tehniska Visoka sola v Ljubljana. Fakultet za rudarstvo in
metalurgijo) Ljubljana. No. 1, 1956

So. East European Accessions List Vol. 5, No. 9 September, 1956

PAKHOMOVA, K.S., st. nauchn. sotr.; PENSIONEROVA, V.M., st. nauchn.
sotr.; FEDOROVA, L.N., red.izd-va; VOLOKHONSKAYA, V.M.,
tekhn. red.

[Methods of the chemical analysis of mineral raw materials]
Metody khimicheskogo analiza mineral'nogo syr'ia. Moskva,
Gosgeoltekhizdat. No.7. 1963. 70 p. (MIRA 17:2)

GAKICHKO, S., kand. tekhn. nauk; PENSKAYA, K.; BORODIN, V.; BORNOVALOVA, A.

Thawing out of blocks of small fish. Khol. tekhn. 35 no. 3:39-44
My-Je '58. (MIRA 11:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy
promyshlennosti.

(Fish, Frozen)

PENSKAYA K.I.

TABLE 1 BOOK REPRODUCTION 807/5767

International Congress of Refrigeration. Moscow, 1959

Scientific Collection of USSR (Collected Soviet Reports) Moscow, Gostorgizdat, 1959. 214 p. Printed and illustrated. 2,000 copies printed.

Md. (this page) Dr. E. Kozlovskiy; Md. (this page) Dr. V. Chibrikov; Md. (this page) Dr. V. Kozlovskiy.

REMARKS: This collection of articles is intended for those interested in the problems of food refrigeration.

CONTENTS: The collection contains 26 reports which were submitted at the meeting of the 3rd, 4th, and 5th Committees of the International Institute of Refrigeration. The meeting was held in Moscow, September 3-6, 1959, and was attended by 265 Soviet specialists and 115 representatives from other countries. The 73 reports discussed at this meeting cover such broad areas as the automation of the cooling of refrigerating installations, the use of closed-circuit type refrigerating devices, fast-freezing food products, the theory and technique of rapid cooling and freezing of meat and fish, the use of antibiotics in the cold storage of food, and the operation of refrigerators and cooling systems. A complete account of the proceedings of this meeting was published by the International Institute of Refrigeration in 1959. 26 personalities are mentioned. References follow several of the articles.

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Gladin, L. (Gosudarstvennyy Institut po proyektirovaniyu predpriyatiy khlobochivicheskoy promyshlennosti (State Institute for the Design and Planning of Establishments of the Refrigeration Industry)), R. Fridl (Khozrskiy khlobochivicheskiy Nauchno-Issledovatel'skiy Tsentr No. 12 (Moscow Research Institute of the Refrigeration Industry Center No. 12, Moscow)), and E. Kozlovskiy (All-Union Scientific Research Institute of the Refrigeration Industry Center No. 12, Moscow). Automation and Control of Moscow Refrigerator No. 12	30
Leffler, D. (All-Union Scientific Research Institute of the Refrigeration Industry Center No. 12, Moscow). Investigation of Air-Cooled Condensers for Small Refrigerators	45
Rau, E. D. (Tsentrallye konstruktorskoye byuro khlobochivicheskoy promyshlennosti (Central Design Office for the Building of Refrigeration Machinery)). Heat and Mass Exchange in an Air-Cooler Provided With Helical Fins	55
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Reider, B. Air Conditioning in the State Academy Bol'shoy Theater of the USSR	71
Tsachov, R. (Gosudarstvennyy Institut po proyektirovaniyu khlobochivicheskoy promyshlennosti i savoyevykh zakhvatov i vodosnabzheniya (State Institute for the Design of Refrigerators, Ice Cream Plants, and Plants Producing Dry and Water Ice)). Design and Operation of Cooling Chambers With Systems of Helical Finned Pipes	77
Shchegolev, V. S. (Central Design Office for the Building of Refrigeration Machinery). Application of Refrigerating Plants With a Wide-spread Cooling System	86
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Oskichko, S. I., V. D. Dorodnitsin, and K. I. Penskaya. (All-Union Scientific Research Institute of the Refrigeration Industry Center No. 12, Moscow). Refrigeration and Defrosting of Caspian Anchovy Dredges	92
Gorbunov, V. M. (Vsesoyuznyy nauchno-issledovatel'skiy Institut khlobochivicheskoy promyshlennosti (All-Union Scientific Research Institute of the Refrigeration Industry Center No. 12, Moscow)). Use of Antibiotics for Extending the Time of Cold Storage of Meat and Meat Products	99

ALIYEV, Ya.Yu.; GAR'KOVETS, T.G.; PENSKAYA, L.V.

Preparation of copper acetylenide. Uzb.khim.zhur. 6 no.1:69-72
'62. (MIRA 15:3)

1. Institut khimii AN UzSSR.
(Copper compounds) (Acetylene)

L 52172-61 EWT(1)/EWA(1)/EWA(b)-2 Pa-h RO

ACCESSION NR: AP5015540

UR/0286/65/000/008/0050/0080

AUTHORS: Aliyev, Ye. Yu.; Kamilova, R.; Romanova, I. B.; Penskaya, L. V.;

TITLE: A method of weed control:

SOURCE: Rybatskiy izobreteniya i tovarnye znaki, No. 1, 1965, p.

TOPIC TAGS: agriculture, pesticides, herbicides, weeds, cotton

ABSTRACT: This Author Certificate presents a method for controlling weeds in cotton plantings by applying selective herbicides. To broaden the assortment of

ANALYST: 001 0000

SUBMITTED: 15 Nov 65

NO REF SOV: 000

OTHER: 000

1/1

I 54704-65 EMT(m)/EPP(c)/EPP(p)/T Pa-L/Pr-L RW

ACCESSION NO: APE01.511

541.182.64:541.64

AUTHOR: Gul', V. Ye.; Penskaya, Ye. A.; Kuleznev, V. N.

TITLE: Evaluation of the compatibility of polymers

SOURCE: Kolloidnyi zhurnal, v. 27, no. 3, 1965, 341-345

TOPIC TAGS: polyethylene, solubility, polymer property, viscosity

ABSTRACT: The authors show that deviation of the specific viscosity of solutions from additive character is observed when the solutions are mixed. The difference from the additive character is shown to be due to the interaction of the polymer chains.

It is shown that the experimental curves do not agree with the additive character of the specific viscosity.

Card 1

L 54706-65

ACCESSION NR: AP5014522

characteristics of polymers are proposed: thermodynamic and technological. The former is determined by the interval of concentrations within which the system remains thermodynamically stable. The latter is determined by the period when changes in the properties of the system do not exceed the permissible limits during practical use of the polymer mixture. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Moskovskiy tekhnologicheskii institut myasnov i molechnoy promyshlennosti (Moscow Technological Institute of Meat and Dairy Industry, Institute of Fine Chemical Technology)

SUBMITTED: 02Jan64

ENCL: 00

SUB CODE: OC

NO REF SOV: 006

OTHER: 001

Card 2/2

mb

1 33532-45

DATE: 1/1/77

PAGE: 1

Abstract: Experimental investigation was conducted to determine the possibility

CIA-RDP86-00513R001239920017-7

~~SECRET~~ REF ID: A6904200

உதவியுள்ளதற்கு நன்றி. 12

CIA-RDP86-00513R001239920017-7"

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239920017-7"

GUL', V.Ye.; PENSKAYA, Ye.A.; KULEZNEV, V.N.

Evaluation of the compatibility of polymers. Koll.zhur. 27
no.3:341-345 My-Je '65. (MIRA 18:12)

1. Moskovskiy tekhnologicheskij institut myasnoy i molochnoy
promyshlennosti i Moskovskiy institut tonkoy khimicheskoy
tekhnologii imeni Lomonosova. Submitted Jan. 2, 1964.

GUL', V.Ye.; PENSKAYA, Ye.A.; KULEZNEV, V.N.; ARUTYUNOVA, S.G.

Estimation of the compatibility of polymers. Dokl. AN SSSR 160
no.1:154-157 Ja '65. (MIRA 18:2)

1. Moskovskiy tekhnologicheskoy institut myasnoy i molochnoy
promyshlennosti i Moskovskiy institut tonkoy khimicheskoy
tekhnologii im. M.V. Lomonosova. Submitted June 16, 1964.

BERLIN, A.A.; PENSKAYA, Ye.A.

Formation of active molecules in the cryolysis of water solutions of
starch. Dokl. AN SSSR 110 no.4:585-588 O '56. (MIRA 10:1)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy promyshlen-
nosti. Predstavleno akademikom A.V. Topchiyevym.
(Starch) (Low temperature research)

PENSKER, Z.G.

Category : USSR/Solid State Physics - Structure of Deformable
Materials

E-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6737

Author : Seniletov, S.A., Pensker, Z.G.

Inst : Institute of Crystallography, Academy of Sciences, USSR

Title : Electron Diffraction Investigation of the Degree of Per-
fection of Germanium Single Crystals.

Orig Pub : Kristallografiya, 1956, 1, No 2, 209-213

Abstract : An investigation was made of the perfection of the structure of the surface layer of ground and etched single crystals of germanium. The crystals were ground with corundum powder (120 minutes) or etched in boiling hydrogen peroxide. The electron diffraction patterns produced with ground crystals displayed Debye rings and spots, thus showing that when germanium is ground individual blocks are formed in the surface layer, turned by angles of approximately 2 -- 3° relative to each other (mosaics), and minute crystals are torn off the surface. In the case of etching there is a gradual removal of this layer with damaged structure, and Kikuchi lines, the

Cord : 1/2

L 26371-66 EWP(j)/EWT(m)/I/EWP(t) IJP(c) RM/JD	
ACC NR: AP60111	SOURCE CODE: UR/0413/66/000/006/0028/0028
(A)	
INVENTOR: Penskiy, V. N.	31 B
ORG: none	15
TITLE: A method for producing <u>phenyltrichlorosilane</u> . Class 12, No. 179771	
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 28	
TOPIC TAGS: copper alloy, silicon alloy, silane, phenyl compound, plastic, chlorinat- ed organic compound	
ABSTRACT: This Author's Certificate introduces a method for producing phenyltrichloro- silane from a <u>copper-silicon alloy</u> and benzene in the presence of catalytic additives. The product yield is increased by introducing 2% phenyltrichlorosilane as an additive in the reaction zone.	
SUB CODE: 07,11/	SUBM DATE: 03May62/
ORIG REF: 000/	OTH REF: 000
UDC: 547.562.1'128.05	
Cord 1/1	

SZEPKE, Ryszard; WARDASZKO, Tadeusz; PENSKO, Jerzy

Practical method of determining the radioactive air contamination in self-luminous items establishments. Nukleonika 6 no.12:787-800 '61.

1. Central Laboratory for Radiological Protection, Warszawa.

SZEFKE, Ryszard; WARDASZKO, Tadeusz; PENSKO, Jerzy

Practical method of the radioactive air contamination determination
in the self-luminous items establishments. *Nukleonika* 6 no.12:787-
800 '61.

1. Central Laboratory for Radiological Protection, Warsaw.

POLAND/Nuclear Physics - Installations and Instruments.
Method of Measurement and Research

C.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 14776

Author : Pensko, Jerzy

Inst : -

Title : Problems of Protection Against Radioactive Radiation
Abroad and in Poland

Orig Pub : Nukleonika, 1958, 3, No 4, 417-427

Abstract : No abstract.

Card 1/1

- 14 -

PENSKOY, I. K.

Penskoy, I. K. - "Commercial-timber characteristics of Siberian cedar and studies of tree species," Les khoz-vo, 1948, No. 3, p. 46-56

SO: U-3600, 10 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 6, 1949).

PENSKOY, I. K.

MUGAN' STEPPE-GRASSES

Wild grasses on alkaline soils of the Mugan' Steppe. Sov. agron. 10 No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November .952~~1953~~, Uncl.

PENSKOY, Ivan Korneyevich

[Reclaiming leached soils for agricultural purposes] Sel'skokhoziai-
stvennoe osvoenie promyvaemykh i promytykh zemel'. Moskva, Gos. izd-
vo selkhoz. lit-ry, 1955. (MLRA 9:9)
(Field crops) (Leaching)

PENSKOY, I. K.

12W
dynamics of water under conditions of the Kura-Araks depression. I. K. Penskol. *Pochvovedenie* 1956, No 8, 85-91.

—Good germination was obtained under conditions of a sulfate-chloride type of salinization with 0.2% of salt or 19 g./l. in soil ext. A concn. of 0.4% (38 g./l.)

of salt in soil ext. of the cotton was established, a concn. of 0.4% through a 1 m. depth did not impede the growth, but yields were low. This concn. seems to be the limit. Below this, the yield may be normal. L.S.I.

PENSKOY, I.K.

Problem of determining the effective range of drain pipes. Dokl. Akad.
sel'khoz. 21 no. 7:36-40 '56. (MIRA 9:10)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki i
melioratsii. Predstavleno akademikom A.N. Kest'yakovym.
(Drainage)

PENSKOY, I.K.

99-6-2/9

AUTHOR: Penskoy, I.K.

TITLE: Drainage and Soil Conditions in the Kura-Araksin Lowlands.
(Drenazh i meliorativnoye sostoyaniye zemel' Kura-Araksinskoy nizmennosti)

PERIODICAL: "Gidrotekhnika i Melioratsiya", 1957, Nr 6, pp 11-24 (USSR)

ABSTRACT: In order to further explore the functioning of open drainage ditches as well as underground drainage systems VNIIGiM, the All-Union Scientific Research Institute for Hydraulic Engineering and Melioration, conducted extensive research work on the saline farm lands of Kura-Araksin lowlands. Its main object was to establish the proper depth and distance of drain pipes from each other to be laid, so that adequate lowering of the water table together with a decrease of saline reaction of the soils is obtained. It was found that under prevailing soil conditions a distance of 400 m between the drain ducts resulted in a fast lowering of the water table, whereas strong saline reaction was noticed at a distance of 200 m from the drains when the drainage strands were 700 m apart. Drains installed at depth of 3.5 m and deeper produced satisfactory draining results without leaving saline residues, and eliminated the need for flushing operations. The flushing effect varied with dif-

Card 1/2

PENSKOY, I. K.

"The Agricultural Utilization of Irrigable and Irrigated Soils."

dissertation defended for the degree of Candidate of Agricultural Sciences
at the Soil Inst. im V. V. Dokuchayev.

Defense of Dissertation (Jan-Jul 1957)

Sect. of Biological Sciences

Vest. ANSSSR, 1957, v. 27, No. 12, pp. 118-120

USSR/Cultivated Plants. Commercial. Oil-Bearing. Sugars.

M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20381.

Author : I.V. Pensko

Inst : Not given

Title : The Salt Resistance of Cotton and Its Effect on the Seasonal Dynamics of Salts in the Kura-Araksinskaya Plain. (Soleustoy-chivost' khlopchatnika i yego vliyaniye na sezonnyu dinamiku soley v usloviyakh Kura-Araksinskoy nizmennosti).

Orig Pub: Pochvovedeniye, 1956, No 8, 86-91.

Abstract: Investigations have established the extreme sensitivity of cotton to soil salinity in the shoot stage when it can tolerate a salt solution in water not higher than 0.2-0.3%. In later stages of development cotton can stand up to 6% salinity in its layer of soil in the

Card : 1/2

PENTEK, Istvan, dr.; BIKICS, Zoltan; HORVATH, Janos, okleveles mernok;
HALASZ, Jozsef, okleveles mernok

Plant experiences in injecting oil into the Ozd blast
furnaces. Koh lap 96 no.5:222-227 My. '63.

1. Koho- es Gepipari Miniszterium Tezelestechnikai Kutato
Allomas (for Pentek and Bikics).
2. Ozdi Kohaszati Uzemek (for Horvath and Halasz).

PENTEL, Jozsef, dr.

Public health collectives in the village. Nepegeszsagugy 45
no.1:11-12 Ja'64.

*

PENSKER, Z. G.

Category : USSR/Solid State Physics - Structure of Deformable
Materials

E-8

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6737

Author : Seniletov, S.A., Pensker, Z.G.

Inst : Institute of Crystallography, Academy of Sciences, USSR

Title : Electron Diffraction Investigation of the Degree of Perfection of Germanium Single Crystals.

Orig Pub : Kristallografiya, 1956, 1, No 2, 209-213

Abstract : An investigation was made of the perfection of the structure of the surface layer of ground and etched single crystals of germanium. The crystals were ground with corundum powder (120 minutes) or etched in boiling hydrogen peroxide. The electron diffraction patterns produced with ground crystals displayed Debye rings and spots, thus showing that when germanium is ground individual blocks are formed in the surface layer, turned by angles of approximately $2 - 3^\circ$ relative to each other (mosaics), and minute crystals are torn off the surface. In the case of etching there is a gradual removal of this layer with damaged structure, and Kikuchi lines, the

Card : 1/2

Category : USSR/Solid State Physics - Structure of Deformable
Materials

E-8

Abs Jour : Ref Zhur - Fizika, No 5, 1957, No 6737

sharpness and contrast of which increase gradually, appear on the electron diffraction patterns. This is evidence of the improvement in the structure of the surface layer. It was established that individual blocks, forming in grinding (mosaics), penetrated to the crystal at a depth of 40 -- 80 microns.

To dissolve these blocks fully etching in hydrogen peroxide for 10-20 minutes is necessary. After etching for the indicated length of time, the electron-diffraction patterns obtained with these specimens had sharp Kikuchi lines and bands analogous to those exhibited by photographs obtained from the cleavage face of a single crystal.

Card : 2/2

PENSON, J.

Clinical observations and studies on water, carbohydrate and nitrogen metabolism in epidemic jaundice. Polski tygod. lek. 5 no.17:649-653 24 Apr 1950. (CML 20:1)

1. Of the First Clinic for Internal Diseases of Lodz University (Head--Prof. Jozef Grott).

PERSON, J.

Clinical observations and studies on water, carbohydrate and
nitrogen metabolism in epidemic jaundice, Polski tygod. lek.
5 no.18:705-710 2 May 1950. (CJML 20:1)

1. Of the First Clinic of Internal Diseases of the Medical
Academy in Lodz (Head--Prof. Josef Grott, M. D.).

PENSON, Jakub; NIELUBSZUC, Stanislaw; MOSZCZYNSKA, Zofia

Modifications of qualitative content of serum proteins and erythrocytes sedimentation during trichinosis. Polskie arch. med. wewnetrz. 23 no.5:683-688 1953.

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej w Gdansk.
Kierownik: prof. dr med. J. Penson.

(BLOOD COAGULATION, in various diseases,
*trichinosis)

(BLOOD SEDIMENTATION, in various diseases,
*trichinosis)

(TRICHINOSIS, blood in,
*coagulation & sedimentation)

PENSON, Jakub.

Hyperthyroidism masked by circulatory insufficiency. Kardiologia
polska 1 no.1-2:31-34 1954.

1. Z III Kliniki Chorob Wewnętrznych AM w Gdansk. Kierownik:
prof. dr J. Penson.

(CONGESTIVE HEART FAILURE, differential diagnosis,
hyperthyroidism)

(HYPERTHYROIDISM, differential diagnosis,
congestive heart failure)

PENSON, Jakub.

Chronic lipoid nephrosis. Polski tygod.lek. 11 no.2:53-60 9 Jan 56.

1. Z III Kliniki Chorob Wewnętrznych A.M. w Gdansk; kier: prof.
dr med. J.Penson. Gdansk-Wrszcz, ul. Lipowa 29.

(NEPHROSIS
lipoid, chronic)

MIERZIEJEWSKI, T.; MIRECKI, L.; PENSON, J.; SWICA, S.; WAJDA, Z.;
WROZOLKOWA, T.

Pheochromocytoma. Diagnostic value of aorto-arteriography and
therapeutic problems. Kardiol. pol. 6 no.3:155-159 '63.

1. Z II Kliniki Chorob Wewnętrznych Kierownik: prof. dr J.
Penson z Kliniki Radiologii i Radioterapii Kierownik: prof.
dr W. Grabowski z III Kliniki Chirurgicznej Kierownik: prof. dr
Z. Kieturakis z Zakładu Anatomii Patologicznej AM w Gdansk
Kierownik: prof. dr W. Czarnocki.

(PHEOCHROMOCYTOMA) (ANGIOGRAPHY)

PIENSON, Jakub; ZELAWSKA-BODAKIEWICZ, Barbara

Symptomatic hypertension in pregnancy. Pol. arch. med. wewn.
35 no.8:1289-1293 '65

1. Z II. Kliniki Chorob Wewnętrznych AM w Gdansk (Kierownik:
prof. dr. med. J. Penson) i z I Kliniki Położnictwa i Chorob
Kobiet AM w Gdansk (Kierownik: prof. dr. med. S. Metler)

PENSON, Jakub

Necrosis of the renal medulla. Pol. arch. med. wewn. 33 no.7:
819-823 '63.

(KIDNEY DISEASES) (NECROSIS)
(URINARY TRACT INFECTIONS)

PENSON, Jakub

Steroid therapy of nephrosis in adults. Polskie arch.med.wewn.
30 no.6:799-803 '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Gdansk Kierownik:
prof. dr J.Penson.

(ADRENAL CORTEX HORMONES ther)

(NEPHROSIS ther)

PERSON, Jakub (Gdansk-Wrzeszcz, ul. Lipowa 29 m. 3.)

Circulatory failure in the course of acute glomerulonephritis. Polski tygod. lek. 12 no.50:1925-1930 16 Dec 57.

1. (Z II Kliniki Chorob. Wewnętrznych Akademii Medycznej w Gdansku; kierownik: prof. dr Jakub Person)

(GLOMERULONEPHRITIS, compl.

congestive heart failure (Pol))

(CONGESTIVE HEART FAILURE, etiol. & pathogen.
glomerulonephritis, acute (Pol))

PENSON, Jakub (Gdansk-Wrzeszcz, ul. Lipowa 29/3)

Pain in abdominal aorta in severe hyperthyroidism. Polski tygod. lek.
13 no.1:17-19 6 JJan 58.

Z II Kliniki Chorob Wewnętrznych A. M. w Gdansku; kierownik: prof.
dr med. Jakub Penson)

(HYPERTHYROIDISM, manifest.

spontaneous pain in abdom. aorta in severe cases (Pol))

(AORTA, dis.

spontaneous pain in severe hyperthyroidism (Pol))

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PENSOV, G.

"Classification of Differential Geometric Objects of the
Class v With One Component," Dok.AN, 54, No. 7, 1946.

TELSON, CHARLES

PENSON, Jakob; CYROWSKI, Lucjan

Malignant symptomatic hypertension. Polskie arch. med. wewn. 25 no.1:
107-115 1955.

1. Z III. kliniki chor. wewn.; kierownik prof. dr. med. J. Penson.
(HYPERTENSION
malignant, symptomatic, caused by pheochromocytoma)
(PARAGANGLIOMA
pheochromocytoma, causing malignant symptomatic hypertension)

PENSON, Jakub; MUSZKOWSKA, Joanna

Mass thrombus of the left auricle. Polski tygod.lek. 10 no.9:266-
269 28 Feb 55.

1. Z III Kliniki Chorob Wewnętrznych A. M. w Gdansk; kierownik:
prof. dr med. J.Penson. Gdansk, ul. Słazy 9/10.

(MITAL STENOSIS, complications,
mass thrombus of left auricle)

(HEART,
auricle, left, mass thrombus in mitral stenosis)

ADASCALITEI, Mihai, ing.; PENTA, Ion, ing.

New relationships in determining the rolling tap angle of drilling
plugs for obtaining high quality heat rolled tubes. Metalurgia constr
mas 14 no.10:896-900 0 '62.

1. Fabrica de tevi, Roman.

PENTA, Ion, ing.

Correct calibration of perforating cylinders in the Stiefel rolling mills, main factor in obtaining pipes of superior quality. Metalurgia constr mas 13 no.10:908-912 0 '61.

(Pipe) (Broaching machines)

BC

A-2

PROCESSING AND PROPERTIES INDEX

Content of krypton and xenon of some natural gases in Bulgaria. N. P. Pavlovsky (Compt. rend., 1931, 182, 691—693; cf. A., 1928, 267; 1929, 1159). — As determined by the method of Moureu and Lepape (cf. A., 1923, II, 384) the amounts of krypton and xenon per 100 vols. of gases from the thermal springs at Bala-Dervant (Mormins), Hissar (Cheliza), and Kovank are respectively 0.00021 and >0.000013; 0.00016 and 0.000013; and 0.00025 and 0.00002. The approximate constancy of the ratio supports Moureu and Lepape's nebular hypothesis of the solar system (cf. A., 1911, II, 1124). C. A. SHERKMAN.

METALLURGICAL LITERATURE CLASSIFICATION

SOURCE DIVISION **SPONSOR DIVISION**

TOPICS **RELATIONS**

L 4351-66

ACC NR: AP5028775

SOURCE CODE: EU/0011/65/018/002/0149/0151

AUTHOR: Pentcheva, E.

ORG: Geological Institute, Bulgarian Academy of Sciences (Institut geologique pres l'Academie bulgare des Sciences)

TITLE: Distribution of rare and dispersed elements in Bulgarian underground salt water:

SOURCE: Bulgarska akademiya na naukito, v. 18, no. 2, 1965, 149-151

TOPIC TAGS: hydrology, trace analysis, spectrographic analysis

ABSTRACT: ²⁵⁵French article The paper reports the first known data concerning the metallic trace components in Bulgarian underground salt waters. These preliminary quantitative results presented in a comprehensive table cover 23 metallic and 4 nonmetallic components in 20 water samples originating from 11 strata in Northern Bulgaria. Data were obtained by the following sequence of operations: 1) direct spectral analysis; 2) preliminary enrichment and subsequent spectral analysis of the rare alkaline elements; and 3) preliminary enrichment with subsequent spectral analysis of heavy metals and other dispersed elements. The work was presented by Professor B. Kamenov, 23 Oct 64. [JPRS]

SUB CODE: ES, GC / SUBM DATE: 23Oct64 / ORIG REF: 007 / OTH REF: 001
SOV REF: 004
Card 1/1 Ka

PENTEGOV, A.P.

DECEASED
c1959

1961/2

SEE ILC

CHEMISTRY

PENTECOV, Boris Petrovich, 1887-

The distribution of copper between slag and matter of pyritic smelting.
Vladivostok Tif. Voennoi akad. 1922. 23 p.

S/125/61/000/005/005/016
A161/A127

AUTHOR: Pentegov, I. V.

TITLE: The circuit of the resonant-pulse capacitor welding machine for the seam welding of thin metal

PERIODICAL: Avtomaticheskaya svarka, no. 5, 1961, 43 - 48

TEXT: A detailed description is given of the design and the operation of a new welding machine. The design principle is shown in a basic diagram, without elements not related to the welding circuit. The circuit consists of a welding transformer, a bank of capacitors and two ignitrons. The power is supplied from a separating transformer. The control unit has to give precisely synchronous ignition pulses to the grids of thyratrons alternating into positive and negative net-work half-cycles, and it should permit control of the welding spot frequency and have a phase shifter for the ignition moment. The description includes formulas of the maximum capacitance voltage, duration of welding pulse, capacity of the capacitors, transformation factor of the transformer, cross section area of the transformer steel core. The power stored in the capacitors makes the circuit insensitive to brief voltage fluctuations in network and works as a kind of flywheel.

Card 1/2

PENTEGOV, I.V.

Diagram of a pulsation-resonance capacitor for seam welding of thin metals. Avtom. svar 14 no.5:43-48 My '61. (MIRA14:5)

1. Institut elektrotehniki AN USSR.
(Electric welding--Equipment and supplies)

PENTEGOV, I.V. [Pentehov, I.V.]

Method for analyzing transient and steady-state processes in electrical networks subject to the action of a series of disturbances.
Dop. AN URSR no.2:216-219 '64. (MIRA 17:5)

1. Institut elektrosvariki AN UkrSSR. Predstavleno akademikom AN Ukr SSR K.K.Khrenovym [Khrienov, K.K.].

PENTEGOV, I.V.

Design of transformers for resistance welding. Avtom. svar.
15 no.9:13-17 9 '62. (MIRA 15:9)

1. Institut elektrotehniki AN UkrSSR.
(Electric welding--Equipment and supplies)

ACC NR: AP7000328

SOURCE CODE: UR/0413/66/000/022/0073/0073

INVENTOR: Pentegov, I. V.; Meshcheryak, S. N.

ORG: none

TITLE: Method of controlling the shape of a welding current pulse. Class 21,
No. 188604 [announced by the Institute of Electric Welding im. Ye. O. Paton
(Institut elektrosvarki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 73

TOPIC TAGS: ~~stored energy~~ ^{pulse} welding, welding ^{equipment} ~~current pulse~~, welding ^{technology} ~~current control~~

ABSTRACT: This Author Certificate introduces a method of controlling the shape
of a welding current pulse, mainly in stored energy welding, by means of an
additional capacitor battery. To improve the weld quality, the ascending as well as
descending side of the impulse is controlled by superimposing the charging-discharg-
ing processes of the controlling battery over the primary discharge. Orig. art.
has: 1 figure. [TD]

SUB CODE: 13, 09/SUBM DATE: 29Nov65/ ATD PRESS: 5109

Card 1/1

UDC: 621.791.76

~~PELT~~EGCV, Igor' Vladimirovich, inzh.

Determination of optimum transformer sizes. Izv. vys. ucheb. zav;
elektromekh. 3 no.8:69-76 '60. (MIRA 13:9)
(Electric transformers)

PENTEGOVA, A.A., uchitel'nitsa.

Stuffing birds and small mammals. Est. v shkole no.5:81-82
S-0'56. (MIRA 9:10)

1. Shkola no.3, stantsiya Nilolaevka Mineralovodskogo rayona Stavro-
pol'skogo kraia.
(Taxidermy)

PENTEGOVA, V.A.

USSR .

Resin acids in resin obtained from the galipot of Siberian cedar. A. P. Pentegov and V. A. Pentegova. Trudy Khim. Mel. Inst. Akad. Nauk S.S.S.R. Zapadno-Sibirskii Filial No. 7, 11-16 (1953).-- This resin (I) contains a non-cryst. resin acid and more neutral substances than the resin obtained from pine trees, and as a result it does not crystallize when stored, has better optical properties, and forms a stable plastic film. Two resin acids isolated from I are identical with those isolated from the galipot itself, which indicates that in the prepa. of I, these acids do not isomerize. Elisabeth Barabash

13C

10-1-2

Adsorption as a general characteristic of coal and peat. Genesis, occurrence, gas content, weathering, spontaneous ignition, coke production, and hydrogenation. B. FARRAGOY (Pub. Univ. Extr. Orient (Vladivostok), 1929, (vii), No. 12, 28 pp.; Chem. Zentr., 1929, ii, 816-817).—The adsorptive powers of coal (a) and coke (b) increase with the age of the material. For lignite $a:b$ for oxalic acid is 1-2, for bituminous coal 0.5-1, for peat <1 , for anthracite about 1. On weathering, b falls less rapidly than a ; for otherwise equivalent conditions the values are greater for upper than for lower layers, $a:b$ being greatest where there is least metamorphism. With increasing gas content $a:b$ falls. The relationship between the tendency towards spontaneous ignition, the coking properties, and the adsorptive power is discussed. The hydrogenation products soluble in ether are the larger in amount the greater is the adsorption value of the coal.

A. A. KLEBRIDGE.

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3C

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

B-I-2

Artisan coals from the Far Eastern districts.
B. P. PARRANOV (Khim. Tverd. Topl., 1932, 3, 13-26).—
Results of analyses and carbonisation tests are recorded.
On. Ana.

ASR-ILA METALLURGICAL LITERATURE CLASSIFICATION

FROM SIMILAR

SEARCH MAY ONLY BE

ELLIPSE

FROM BINARY

SEARCH MAY ONLY BE

FROM

FROM

Salt distribution in the system: liquid, solid and colloidal solutions. H. P. Kostikov. *Bull. Far Eastern Branch Acad. Sci. (U. S. S. R.)* 1932, No. 3-4, 3-5. A general outline of prospective work is given. W. P. Erick